

FIG. 1

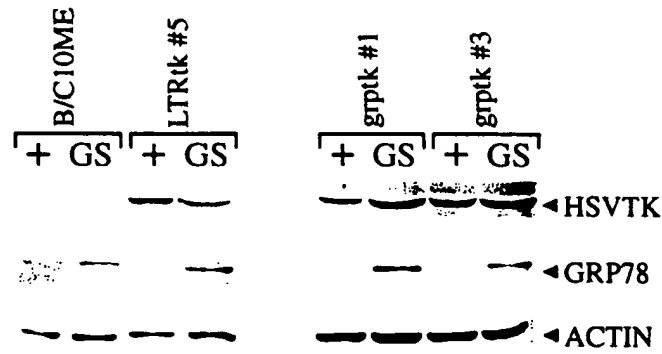
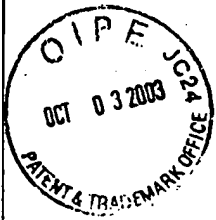


FIG. 2A

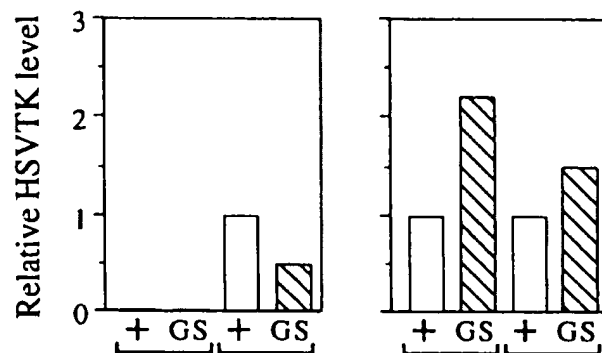


FIG. 2B

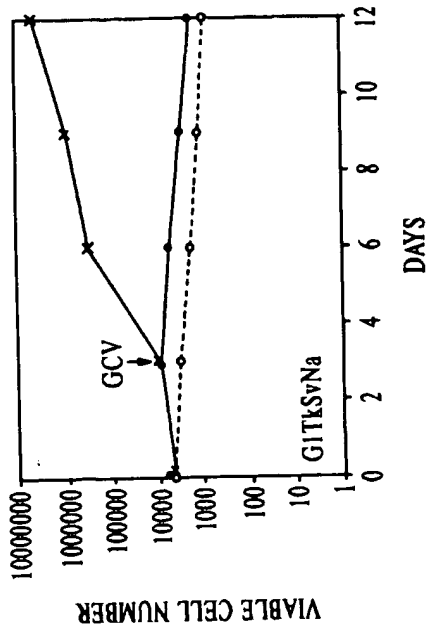


FIG. 3A

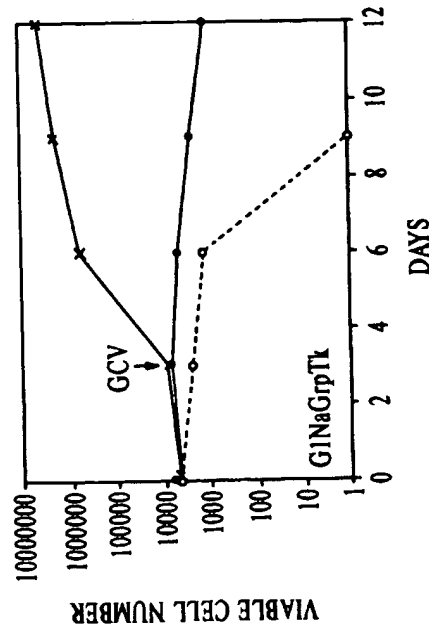


FIG. 3B

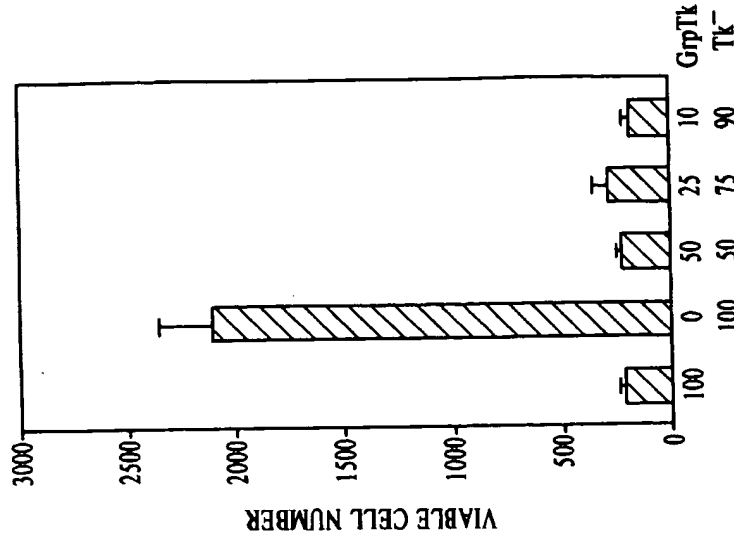


FIG. 3C

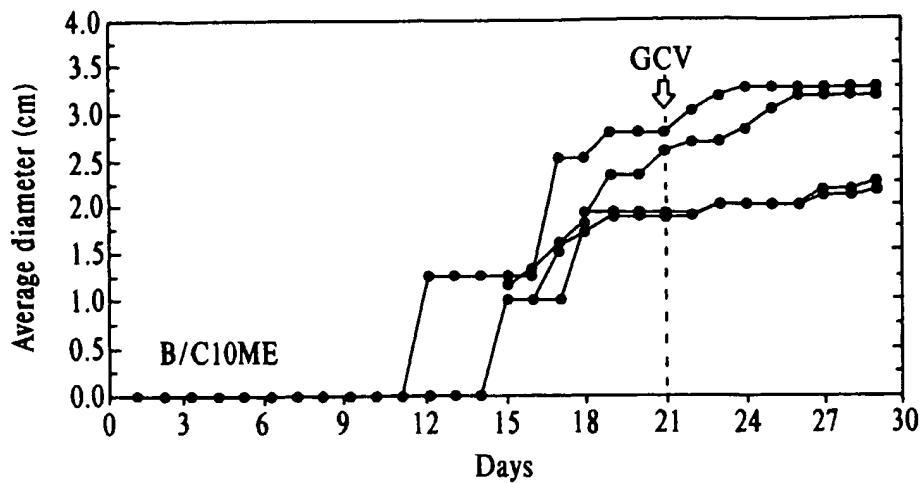


FIG. 4A

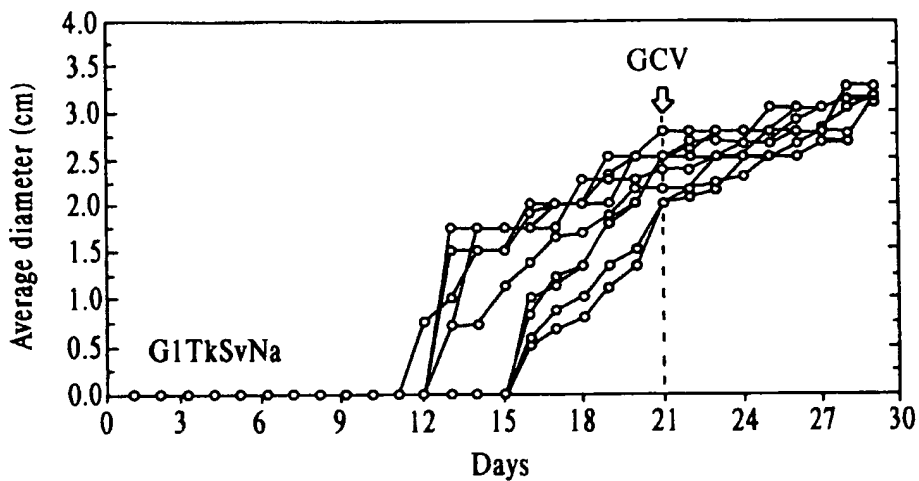


FIG. 4B

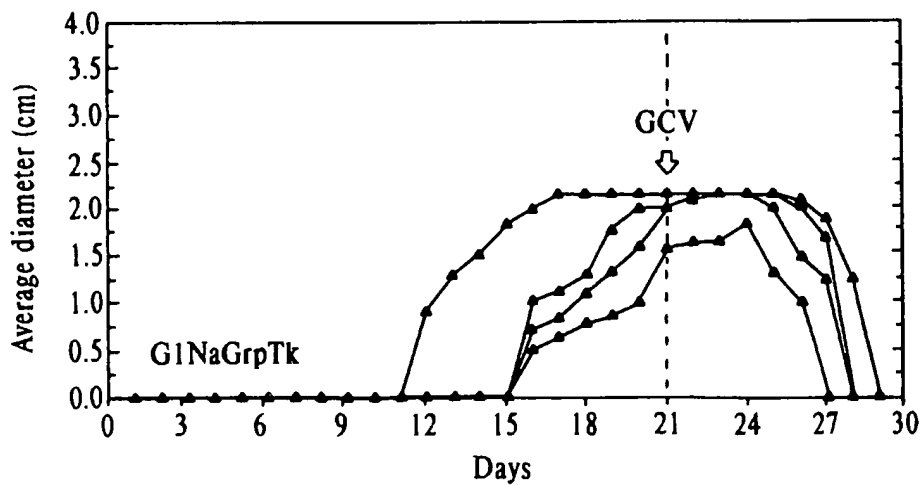


FIG. 4C

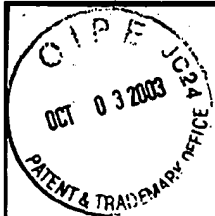


FIG. 5A



FIG. 5B

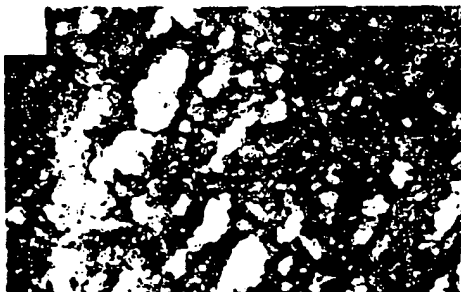
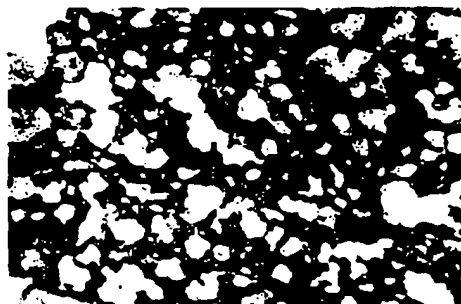


FIG. 5C



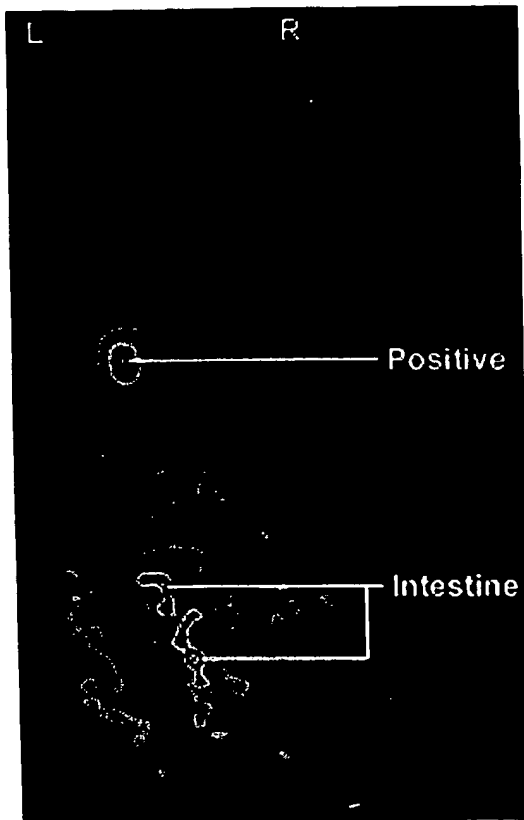


FIG. 6A

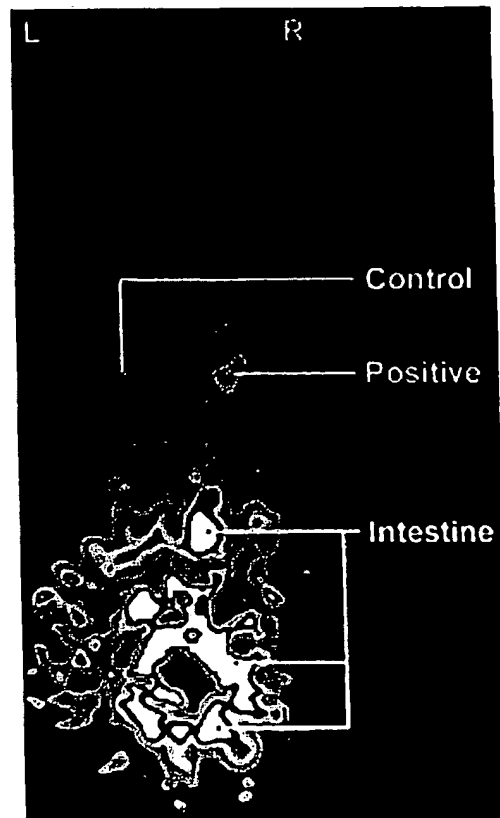


FIG. 6B

# grp78/LacZ Transgene



FIG. 7A

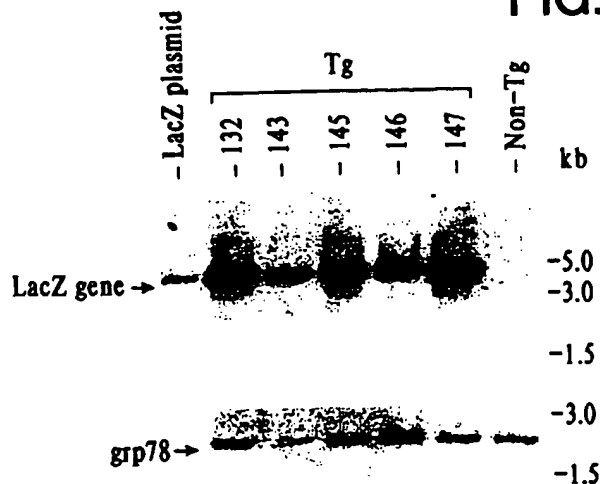


FIG. 7B

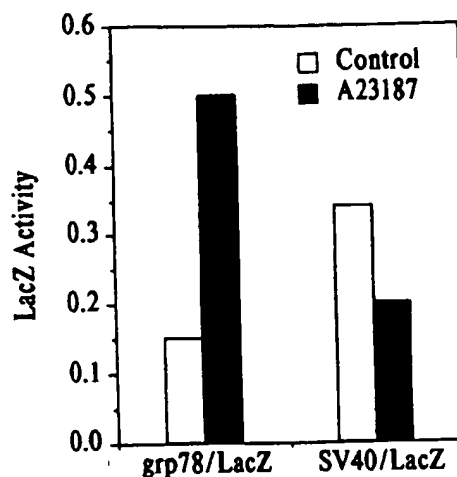
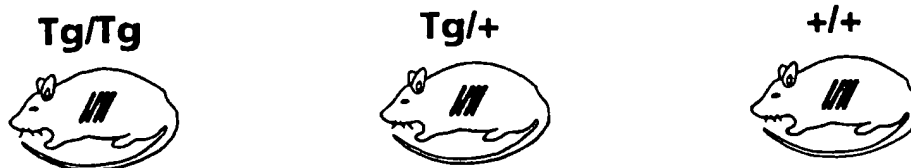


FIG. 7C



## Application of carcinogen

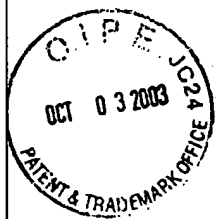
7,12-dimethyl benz [α] anthracene

Development of tumors

isolate tumorous tissues  
isolate normal organs

LacZ staining  
histology

FIG. 8



grp78/LacZ Transgenic Mouse

Normal Organs

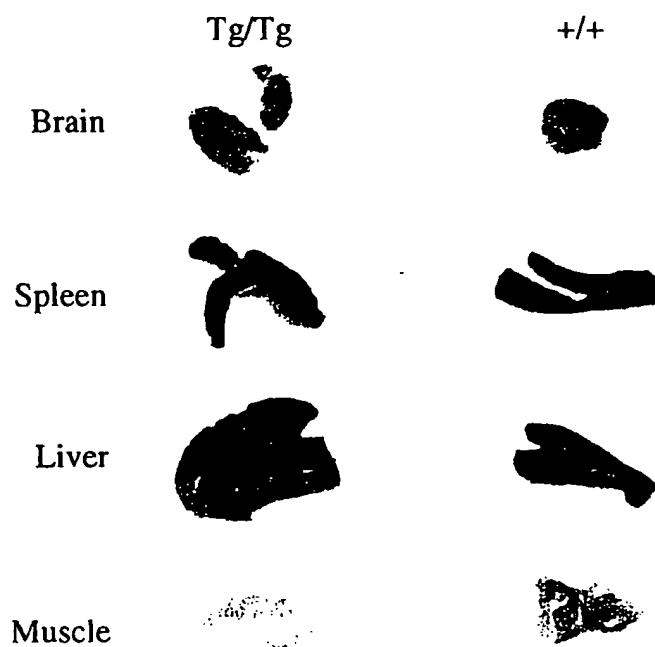


FIG. 9





grp78/LacZ Transgenic Mouse

Tumorous Tissues

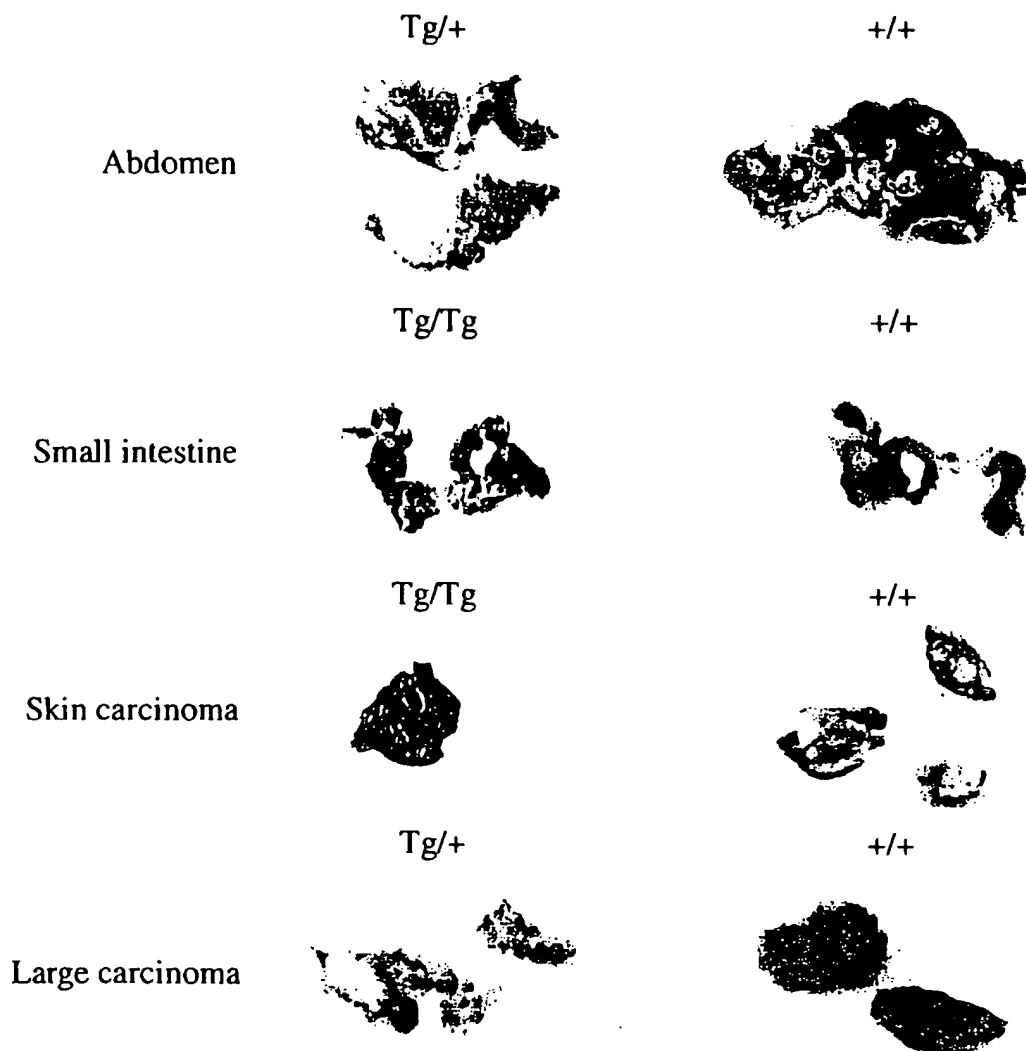


FIG. 10



grp78/LacZ Transgenic Mouse

Tumorous Tissues

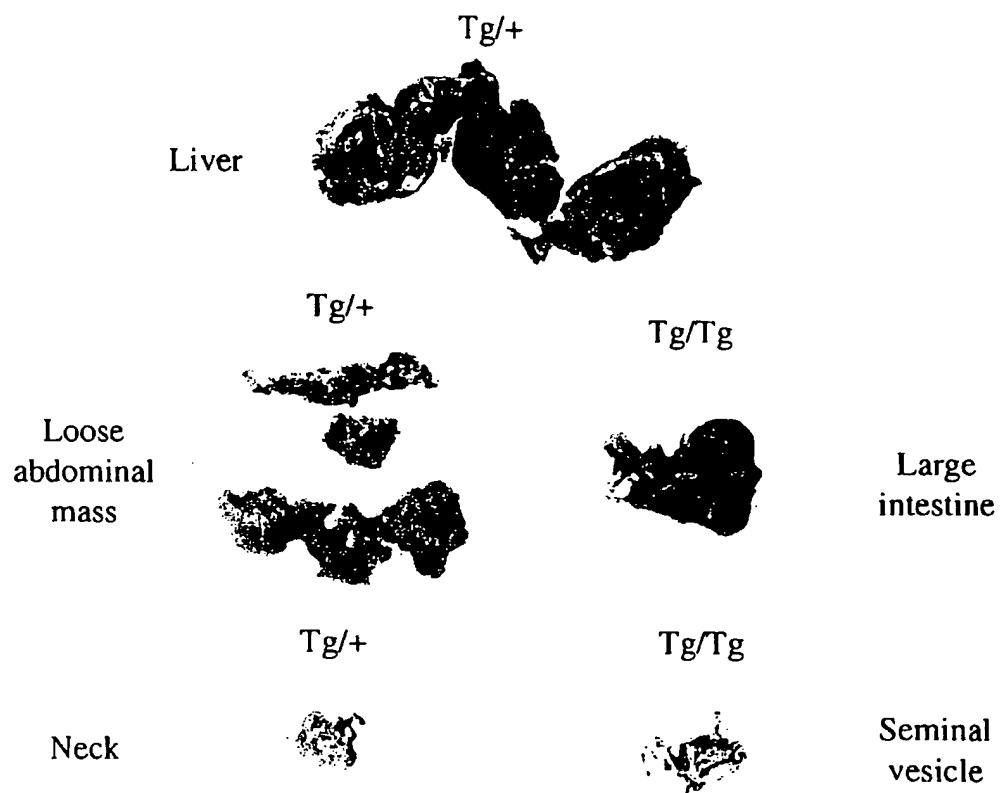


FIG. 11